S 614.71 Him Nov, 1978



MONTANA DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES

Monthly Activities Report of the Air Quality Bureau

November, 1978

STATE DOCUMENTS COLLECTION

MONTANA STATE LIGRARY 980 E Lyndola Ave. Helsaw, Montana 59601

1. Highlights:

The Board of Health met November 16-18 to consider proposed rules, variances and State Implementation Plan proposals.

One of the Environmental Engineers resigned to accept a position as Director of the Spokane County Air Pollution Agency. The Air Quality Bureau is presently recruiting to fill this vacancy.

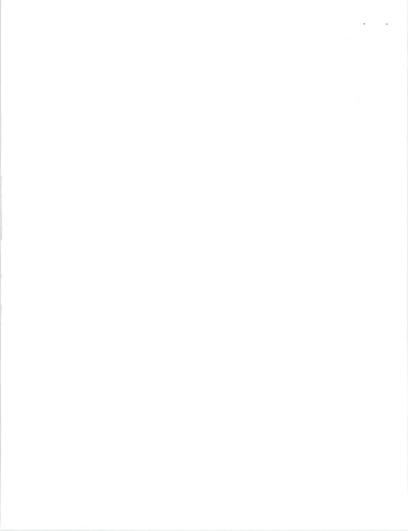
2. Ambient Air Quality Network: Hi-vol atandarda avacadad

Hi-vol standards exceeded	Clty	Station	Date	150 ug/m ³ State Standard
	Anaconda	Hiway Jct.	11/4	155
	Butte	Hebgen Park	11/1	158 154
	Col. Falls	Anders	11/16	152
	Libby	Brown	11/4	167
			11/12	443
			11/16	179
	Ronan	1 1 11 1	11/16	170
	Thos. Falls	Lodge Motel	11/4	367
SO ₂ (East Helena)	Microwave	East Station	Br	oudy
State 1-hr.	0	0		0
State 24-hr.	0	0		0
Federal 3-hr.	0	0		0
Federal 24-hr.	0	0		0

SO ₂ (ppm)	Mill Creek	Hwy. Junction	Lincoln School
Highest 24-hr av. Highest 1-hr av.	0.30	0.90 2.75	0.14
No. of 1-hr over 0.25	15	63	9

NO2 Lincoln School Highest 1-hr av. 0.050 Highest 24-hr av. 0.036

b. Air Stagnation Advisories: None in November



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c. Laboratory Status

Total samples for month 337
Total determinations for month 1741

3. Permits and Tax Credits:

a. Construction Permits applied for:

Kenco Refining Inc., Wolf Point, refinery equipment
Hilde Construction Co., Carbon Co., portable gravel crusher
Baltrusch Construction, Beaverhead Co., portable asphalt batch plant
Anaconda Reduction Dept., Anaconda, alter baghouse at smelter
Anaconda Reduction Dept., Anaconda, Inclnerator
Buttrey Food Store #21, Wolf Point, Incinerator

Construction Permits Approved:

Hilde Construction, Carbon Co., portable gravel crusher Cominco American, Powell Co., crushing unit

c. Tax Credits: None in November

4. Variance Status:

a. Current

Hearing was scheduled for Anaconda Company SO_2 variance in November. The variance was approved.

ASARCO was granted a one year variance from July 1, 1978 through June 30. 1979.

b. New - none

Enforcement Action:

- a. Citations None
- b. Notice of Violations None
- c. Orders None
- d. Court Actions None

Warning letters were written to: Helena Sand and Gravel Empire Sand and Gravel Baltrusch Construction Larry's Post and Pole



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6. Tepee Burners and Open Burning:

Tepee Burners: No. at start Al New starts 0 Shutdowns 0 No. at end 41

Open burning permits

Kalispell Office //3 Missoula Co. Lake County 4 Cascade Co. 4
Lincoln County 4/ Yellowstone Co. /5
Sanders County 3.5 Rest of State 3/7
Total 5//

Source Tests Performed:

- a. Agency Source Tests None
- b. Non agency source tests:

On November 28 and 29, 1978, EERC of Billings compliance-tested Colstrip Units 1 and 2 for particulate, ${\rm SO}_2$ and ${\rm NO}_2$. The results are pending.

- 8. Field Investigations: None made in November
- 9. Complaints:

BN, Big Sky, smoke, called BN--they will cease burning Individual, Kalispell, burning, investigation Burlington Northern, Kalispell, burning, investigation ASARCO, East Helena, smog, investigation Homestead Subdivision, Billings, burning leaves, referred to County Farr Feeds, Billings, flour dust, referred to County

10. Data Processing Services:

- Ambient Data Summary not available due to changeover in computer system.
- b. Emission Inventory Status:

Deer Lodge County updates were received and processed.

c. Prevention of Significant Deterioration

A great deal of time was spent on proposed rule for Montana.

d. Modeling

Additional information was received and reviewed on Anaconda Company Somodeling. Testimony was prepared and presented to the Board in support of modeling.



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Additional information was received and reviewed on ASARCO new stack and $\rm SO_2$ modeling. Testimony was prepared and presented to the Board in support of ASARCO's work.

11. Environmental Impact Statements

- a. Agency impact Determinations None
- b. Other Agency EIS's Reviewed: None

12. Status of Studies, Contracts and Reports

Poplar River Study continues to operate well.

Flathead Study is operating well; all equipment is working.

MAPS - meteorology studies continue to operate well.

- Historical emission inventory will not continue to Phase II.

Network Review - about 45 percent complete. Data analysis is necessary for present stations to evaluate whether they should be continued.

13. Schools and Training:

None in November

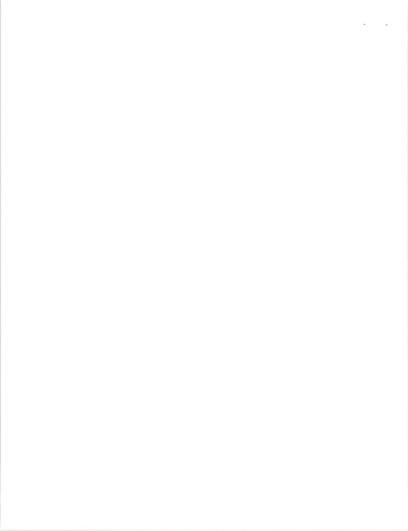
14. Public Hearings and Meetings:

- a. Public Hearings Held: Board of Health hearing was held November 16-18 to consider proposed rules and sections of the SIP and variances.
- b. Meetings Attended:

Montreal Eng. Co., Helena, regarding coal mine monitoring in Montana Peabody Coal, Helena, regarding mine expansion BLM and USFS, Butte, regarding burning State Airshed, Missoula, proposed rules Industry officials, Billings, rules SIP workshop, Butte, Interested public Highway Department and Butte Planning, Helena, airborne particulate rule EPA, Helena, regarding SIP Anaconda Company, Helena, SO, modeling "Clean Air for Montana" Billings, regarding Billings area problems Industry, Billings, regarding odor problems Amoco Minerals, Helena, uranium mining in Texas and tentative move to Montana Exxon, Billings, applications and projects

c. Intra-Staff Meetings

Bureau staff meetings MAPS Staff meetings Legal Division



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15. Public Information Requests:

Rules 5 Clean Air Act 2 Proposed rules sent to mailing list and Board

16. NA

17. Other - None